

Jian Kang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

330
papers

7,118
citations

40
h-index

69
g-index

372
ext. papers

8,922
ext. citations

4
avg, IF

6.95
L-index

#	Paper	IF	Citations
330	Perception difference for approaching and receding sound sources of a listener in motion in architectural sequential spaces.. <i>Journal of the Acoustical Society of America</i> , 2022 , 151, 685	2.2	1
329	Acoustic modeling of sequential spaces: A parametric study. <i>Building and Environment</i> , 2022 , 212, 108738	3.5	0
328	Associations of residential greenness with lung function and chronic obstructive pulmonary disease in China.. <i>Environmental Research</i> , 2022 , 209, 112877	7.9	1
327	Associations between indoor soundscapes, building services and window opening behaviour during the COVID-19 lockdown.. <i>Building Services Engineering Research and Technology</i> , 2022 , 43, 225-240	2.3	1
326	Effect of music in large activity spaces on the perceptions and behaviours of older adults in China. <i>Applied Acoustics</i> , 2022 , 188, 108581	3.1	0
325	Relationships between landscape characteristics and the restorative quality of soundscapes in urban blue spaces. <i>Applied Acoustics</i> , 2022 , 189, 108600	3.1	0
324	Effect of environmental contexts pertaining to different sound sources on the mood states. <i>Building and Environment</i> , 2022 , 207, 108456	6.5	0
323	Effects of the absorber location on low-frequency noise control in typical dwelling layouts. <i>Applied Acoustics</i> , 2022 , 186, 108465	3.1	0
322	Indoor soundscapes at home during the COVID-19 lockdown in London [Part II: A structural equation model for comfort, content, and well-being. <i>Applied Acoustics</i> , 2022 , 185, 108379	3.1	6
321	How to analyse and represent quantitative soundscape data. <i>JASA Express Letters</i> , 2022 , 2, 037201		0
320	Effective soundscape characterisation of an acoustic metamaterial based window: A comparison between laboratory and online methods. <i>Applied Acoustics</i> , 2022 , 193, 108754	3.1	0
319	Ten questions concerning soundscape valuation. <i>Building and Environment</i> , 2022 , 219, 109231	6.5	0
318	Religious Belief-Related Factors Enhance the Impact of Soundscapes in Han Chinese Buddhist Temples on Mental Health.. <i>Frontiers in Psychology</i> , 2021 , 12, 774689	3.4	1
317	Relaxing and working from home: associations between heating, ventilation and cooling system typologies and indoor soundscape evaluation. <i>Journal of Physics: Conference Series</i> , 2021 , 2069, 012174	0.3	1
316	Physiological and psychological influence of multi-media in urban business districts. <i>Sustainable Cities and Society</i> , 2021 , 103546	10.1	1
315	Environmental thermal influence over soundscape perception: a test room experimental campaign involving the psychological and physiological description of the indoor environment. <i>Journal of Physics: Conference Series</i> , 2021 , 2042, 012136	0.3	1
314	Ecological Validity of Immersive Virtual Reality (IVR) Techniques for the Perception of Urban Sound Environments. <i>Acoustics</i> , 2021 , 3, 11-24	2	5

313	Thermal comfort in winter incorporating solar radiation effects at high altitudes and performance of improved passive solar design—Case of Lhasa. <i>Building Simulation</i> , 2021 , 14, 1633-1650	3.9	1
312	Participatory approach to draw ergonomic criteria for window design. <i>International Journal of Industrial Ergonomics</i> , 2021 , 82, 103098	2.9	5
311	Sound Environments in Large Public Buildings for Crowd Transit: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3728	2.6	4
310	A Metawindow with Optimised Acoustic and Ventilation Performance. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3168	2.6	4
309	A mixed-reality approach to soundscape assessment of outdoor urban environments augmented with natural sounds. <i>Building and Environment</i> , 2021 , 194, 107688	6.5	5
308	Identification of Independent Variables to Assess Green-Building Development in China Based on Grounded Theory. <i>Energies</i> , 2021 , 14, 3354	3.1	1
307	The influence of companion factors on soundscape evaluations in urban public spaces. <i>Sustainable Cities and Society</i> , 2021 , 69, 102860	10.1	4
306	Characteristics of noise complaints and the associations with urban morphology: A comparison across densities. <i>Environmental Research</i> , 2021 , 197, 111045	7.9	4
305	Acoustic environment of comprehensive activity spaces in nursing homes: A case study in Harbin, China. <i>Applied Acoustics</i> , 2021 , 177, 107932	3.1	2
304	Effect of the degree of wood use on the visual psychological response of wooden indoor spaces. <i>Wood Science and Technology</i> , 2021 , 55, 1485-1508	2.5	4
303	Psychological well-being and demographic factors can mediate soundscape pleasantness and eventfulness: A large sample study. <i>Journal of Environmental Psychology</i> , 2021 , 77, 101660	6.7	8
302	Relationship between urban development patterns and noise complaints in England. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021 , 48, 1632-1649	2	6
301	Relationships between noise complaints and socio-economic factors in England. <i>Sustainable Cities and Society</i> , 2021 , 65, 102573	10.1	8
300	Noise in Maternity Wards: A Research on Its Contributors and Sources. <i>Herd</i> , 2021 , 14, 192-203	2.4	2
299	Intelligibility prediction for speech mixed with white Gaussian noise at low signal-to-noise ratios. <i>Journal of the Acoustical Society of America</i> , 2021 , 149, 1346	2.2	1
298	Experimental Validation of Finite Element Models for Reinforced Concrete Beams with Discontinuities That Form Dowel-Type Joints. <i>Vibration</i> , 2021 , 4, 537-550	2	1
297	Increases in noise complaints during the COVID-19 lockdown in Spring 2020: A case study in Greater London, UK. <i>Science of the Total Environment</i> , 2021 , 785, 147213	10.2	13
296	Overall effects of temperature steps in hot summer on students' subjective perception, physiological response and learning performance. <i>Energy and Buildings</i> , 2021 , 247, 111124	7	0

295	Sound attenuation and reverberation in sequential spaces: An experimental study. <i>Applied Acoustics</i> , 2021 , 182, 108248	3.1	3
294	Crowd noise and vocal power level in large college canteens in China. <i>Applied Acoustics</i> , 2021 , 182, 108242	3.1	2
293	Relationship between contextual perceptions and soundscape evaluations based on the structural equation modelling approach. <i>Sustainable Cities and Society</i> , 2021 , 74, 103192	10.1	5
292	Indoor soundscapes at home during the COVID-19 lockdown in London [Part I: Associations between the perception of the acoustic environment, occupant activity and well-being. <i>Applied Acoustics</i> , 2021 , 183, 108305	3.1	15
291	Comparison between architects and non-architects on perceptions of architectural acoustic environments. <i>Applied Acoustics</i> , 2021 , 184, 108313	3.1	0
290	Physiological indicators and subjective restorativeness with audio-visual interactions in urban soundscapes. <i>Sustainable Cities and Society</i> , 2021 , 75, 103360	10.1	1
289	Assessment and simulation of evacuation in large railway stations. <i>Building Simulation</i> , 2021 , 14, 1553-1566	3.6	5
288	The sound of silence in Granada during the COVID-19 lockdown. <i>Noise Mapping</i> , 2021 , 8, 16-31	4.8	13
287	Building Performance Evaluation of a New Hospital Building in the UK: Balancing Indoor Environmental Quality and Energy Performance. <i>Atmosphere</i> , 2021 , 12, 115	2.7	2
286	Investigating urban soundscapes of the COVID-19 lockdown: A predictive soundscape modeling approach.. <i>Journal of the Acoustical Society of America</i> , 2021 , 150, 4474	2.2	4
285	Urban Soundscape Assessment by Visually Impaired People: First Methodological Approach in Granada (Spain). <i>Sustainability</i> , 2021 , 13, 13867	3.6	
284	The speech intelligibility and applicability of the speech transmission index in large spaces. <i>Applied Acoustics</i> , 2020 , 167, 107400	3.1	4
283	On the relationship between land use and sound sources in the urban environment. <i>Journal of Urban Design</i> , 2020 , 25, 629-645	1.8	4
282	Effects of spatial elements and sound sources on sound field in Main Hall of Chinese Buddhist temple. <i>Journal of the Acoustical Society of America</i> , 2020 , 147, 1516	2.2	0
281	Impact of environment color on individual responses in public spaces of shopping malls. <i>Color Research and Application</i> , 2020 , 45, 512-526	1.3	2
280	Cross-National Comparison of Soundscape in Urban Public Open Spaces between China and Croatia. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 960	2.6	5
279	Influence of Leaf Physical Properties on Single-Leaf Vibrational Response to Sound. <i>Forests</i> , 2020 , 11, 115	2.8	1
278	Effect of children on the sound environment in fast-food restaurants. <i>Applied Acoustics</i> , 2020 , 162, 107291	3.1	4

277	Noise acceptance of acoustic sequences for indoor soundscape in transport hubs. <i>Journal of the Acoustical Society of America</i> , 2020 , 147, 206	2.2	5
276	Research progress on the acoustic environments of healthy buildings. <i>Chinese Science Bulletin</i> , 2020 , 65, 288-299	2.9	5
275	Assessing the changing urban sound environment during the COVID-19 lockdown period using short-term acoustic measurements. <i>Noise Mapping</i> , 2020 , 7, 123-134	4.8	57
274	Acoustics and Sustainability: A Built Environment Perspective 2020 , 25, 292-292		3
273	ON THE INFLUENCE FACTORS OF AUDIO-VISUAL COMFORT OF MOUNTAIN LANDSCAPE BASED ON FIELD SURVE. <i>Journal of Environmental Engineering and Landscape Management</i> , 2020 , 28, 48-61	1.1	2
272	Influence of distance from traffic sounds on physiological indicators and subjective evaluation. <i>Transportation Research, Part D: Transport and Environment</i> , 2020 , 87, 102538	6.4	4
271	Characteristics and evaluation of urban soundscapes worthy of preservation. <i>Journal of Environmental Management</i> , 2020 , 253, 109722	7.9	5
270	Building performance evaluation: Balancing energy and indoor environmental quality in a UK school building. <i>Building Services Engineering Research and Technology</i> , 2020 , 41, 343-360	2.3	14
269	Effects of sound environment on the sleep of college students in China. <i>Science of the Total Environment</i> , 2020 , 705, 135794	10.2	6
268	Combined effects of the thermal-acoustic environment on subjective evaluations in urban squares. <i>Building and Environment</i> , 2020 , 168, 106517	6.5	10
267	Subjective evaluation of sequential spaces. <i>Applied Acoustics</i> , 2020 , 161, 107139	3.1	5
266	On the effectiveness of facial expression recognition for evaluation of urban sound perception. <i>Science of the Total Environment</i> , 2020 , 710, 135484	10.2	6
265	Acoustic comfort in large railway stations. <i>Applied Acoustics</i> , 2020 , 160, 107137	3.1	6
264	Effects of adding natural sounds to urban noises on the perceived loudness of noise and soundscape quality. <i>Science of the Total Environment</i> , 2020 , 711, 134571	10.2	27
263	Effects of sound types and sound levels on subjective environmental evaluations in different seasons. <i>Building and Environment</i> , 2020 , 183, 107215	6.5	6
262	Understanding smellscape: Sense-making of smell-triggered emotions in place. <i>Emotion, Space and Society</i> , 2020 , 37, 100710	1.2	11
261	Acoustic demands and influencing factors in facilities for the elderly. <i>Applied Acoustics</i> , 2020 , 170, 107470	3.1	5
260	Effects of contexts in urban residential areas on the pleasantness and appropriateness of natural sounds. <i>Sustainable Cities and Society</i> , 2020 , 63, 102475	10.1	5

259	Development of metacage for noise control and natural ventilation in a window system. <i>Applied Acoustics</i> , 2020 , 170, 107510	3.1	11
258	Grounded theory-based subjective evaluation of traditional Chinese performance buildings. <i>Applied Acoustics</i> , 2020 , 168, 107417	3.1	3
257	Sound Environments. <i>Environments - MDPI</i> , 2020 , 7, 101	3.2	
256	The Impact of Surface Scattering on Reverberation Time in Differently Shaped Spaces. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4880	2.6	2
255	The preservation value of urban soundscape and its determinant factors. <i>Applied Acoustics</i> , 2020 , 168, 107430	3.1	6
254	A systematic review of prediction models for the experience of urban soundscapes. <i>Applied Acoustics</i> , 2020 , 170, 107479	3.1	18
253	Indoor soundscape assessment: A principal components model of acoustic perception in residential buildings. <i>Building and Environment</i> , 2020 , 182, 107152	6.5	36
252	Influence of the Acoustic Environment in Hospital Wards on Patient Physiological and Psychological Indices. <i>Frontiers in Psychology</i> , 2020 , 11, 1600	3.4	3
251	Factors influencing low-frequency noise reduction in typical Chinese dwelling layouts. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2020 , 146134842094297	1.5	1
250	The effects of sounds and food odour on crowd behaviours in urban public open spaces. <i>Building and Environment</i> , 2020 , 182, 107104	6.5	3
249	The development of emotional indicators for the soundscape in urban open public spaces. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020 , 780, 052006	0.4	2
248	Effect of sound on visual attention in large railway stations: A case study of St. Pancras railway station in London. <i>Building and Environment</i> , 2020 , 185, 107177	6.5	2
247	Acoustics for Supportive and Healthy Buildings: Emerging Themes on Indoor Soundscape Research. <i>Sustainability</i> , 2020 , 12, 6054	3.6	22
246	Attitudes to Noise Inside Dwellings in Three Megacities: Seoul, London, and Sã Paulo. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
245	A grounded theory approach to the understanding of creativity in common spaces of universities. <i>Interactive Learning Environments</i> , 2020 , 28, 744-761	3.1	2
244	Effects of openings on the windbound environment in the traditional residential streets in a severe cold city of China. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2020 , 47, 808-825 ²		2
243	The effects of spatial separations between water sound and traffic noise sources on soundscape assessment. <i>Building and Environment</i> , 2020 , 167, 106423	6.5	11
242	Gender differences in thermal comfort on pedestrian streets in cold and transitional seasons in severe cold regions in China. <i>Building and Environment</i> , 2020 , 168, 106488	6.5	22

241	Sound absorption by tree bark. <i>Applied Acoustics</i> , 2020 , 165, 107328	3.1	9
240	Indoor sound environments and visual media displays: A case study on canteens. <i>Building and Environment</i> , 2020 , 176, 106831	6.5	3
239	The Soundscape Indices (SSID) Protocol: A Method for Urban Soundscape Surveys Questionnaires with Acoustical and Contextual Information. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 2397	2.6	18
238	Introducing a Method for Intervals Correction on Multiple Likert Scales: A Case Study on an Urban Soundscape Data Collection Instrument. <i>Frontiers in Psychology</i> , 2020 , 11, 602831	3.4	7
237	The Psychophysiological Implications of Soundscape: A Systematic Review of Empirical Literature and a Research Agenda. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	34
236	Sensitivity analysis of changes in human physiological indicators observed in soundscapes. <i>Landscape and Urban Planning</i> , 2019 , 190, 103593	7.7	19
235	Exploring the compatibility of Method A and Method B data collection protocols reported in the ISO/TS 12913-2:2018 for urban soundscape via a soundwalk. <i>Applied Acoustics</i> , 2019 , 155, 190-203	3.1	24
234	Thermal comfort range and influence factor of urban pedestrian streets in severe cold regions. <i>Energy and Buildings</i> , 2019 , 198, 197-206	7	23
233	Soundscape evaluation: Binaural or monaural?. <i>Journal of the Acoustical Society of America</i> , 2019 , 145, 3208	2.2	7
232	Social relationships and patterns of use in urban public spaces in China and the United Kingdom. <i>Cities</i> , 2019 , 93, 188-196	5.6	9
231	Evaluation of Wood Coverage on Building Facades Towards Sustainability. <i>Sustainability</i> , 2019 , 11, 1407	3.6	5
230	Effect of a fragrant tree on the perception of traffic noise. <i>Building and Environment</i> , 2019 , 156, 147-155	6.5	24
229	Parameter study of sound energy distribution in cuboid extra-large spaces. <i>Building Simulation</i> , 2019 , 12, 835-846	3.9	1
228	A Hybrid Model for Investigating the Effect of Scattering from Building Façade on Sound Propagation in Street Canyons. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2803	2.6	3
227	Influence of urban road characteristics on traffic noise. <i>Transportation Research, Part D: Transport and Environment</i> , 2019 , 75, 136-155	6.4	21
226	Assessment Methods and Factors Determining Positive Indoor Soundscapes in Residential Buildings: A Systematic Review. <i>Sustainability</i> , 2019 , 11, 5290	3.6	30
225	Acoustic Design Criteria in Naturally Ventilated Residential Buildings: New Research Perspectives by Applying the Indoor Soundscape Approach. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5401	2.6	17
224	Associations between soundscape experience and self-reported wellbeing in open public urban spaces: a field study. <i>Lancet, The</i> , 2019 , 394, S17	4.0	10

223	Experimental Study on the Indoor Thermo-Hygrometric Conditions of the Mongolian Yurt. <i>Sustainability</i> , 2019 , 11, 687	3.6	4
222	Quality assessment of acoustic environment reproduction methods for cinematic virtual reality in soundscape applications. <i>Building and Environment</i> , 2019 , 149, 1-14	6.5	37
221	Effect of background and foreground music on satisfaction, behavior, and emotional responses in public spaces of shopping malls. <i>Applied Acoustics</i> , 2019 , 145, 408-419	3.1	17
220	Noise Management: Soundscape Approach 2019 , 683-694		3
219	A laboratory study of the sound-odour interaction in urban environments. <i>Building and Environment</i> , 2019 , 147, 314-326	6.5	23
218	Effects of urban street spatial parameters on sound propagation. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2019 , 46, 341-358	2	3
217	Factors associated with soundscape experiences in urban green spaces: A case study in Rostock, Germany. <i>Urban Forestry and Urban Greening</i> , 2019 , 37, 135-146	5.4	20
216	Resistance of Villages to Elevated-Road Traffic Noise. <i>Journal of Environmental Planning and Management</i> , 2019 , 62, 492-516	2.8	0
215	Drivers of physiological response and emotional evaluation in the noisy environment of the control cabin of a shield tunneling machine. <i>Applied Acoustics</i> , 2018 , 138, 1-8	3.1	11
214	The influence of vegetation and surrounding traffic noise parameters on the sound environment of urban parks. <i>Applied Geography</i> , 2018 , 94, 199-212	4.4	11
213	Predicting integrated thermal and acoustic performance in naturally ventilated high-rise buildings using CFD and FEM simulation. <i>Building Simulation</i> , 2018 , 11, 507-518	3.9	7
212	A perceptual model of smellscape pleasantness. <i>Cities</i> , 2018 , 76, 105-115	5.6	27
211	Design of urban furniture to enhance the soundscape: A case study. <i>Building Acoustics</i> , 2018 , 25, 61-75	1	7
210	Soundscape expectations of rural tourism: A comparison between Chinese and English potential tourists. <i>Journal of the Acoustical Society of America</i> , 2018 , 143, 373	2.2	12
209	Effect of soundscape dimensions on acoustic comfort in urban open public spaces. <i>Applied Acoustics</i> , 2018 , 133, 73-81	3.1	30
208	Evaluation of relative weights for temperature, CO ₂ , and noise in the aircraft cabin environment. <i>Building and Environment</i> , 2018 , 131, 108-116	6.5	8
207	Characteristics and prediction of sound level in extra-large spaces. <i>Applied Acoustics</i> , 2018 , 134, 1-7	3.1	13
206	Effects of soundscape on rural landscape evaluations. <i>Environmental Impact Assessment Review</i> , 2018 , 70, 45-56	5.3	25

205	Towards an agile participatory urban soundscape planning framework. <i>Journal of Environmental Planning and Management</i> , 2018 , 61, 677-698	2.8	19
204	An energy model of high-rise apartment buildings integrating variation in energy consumption between individual units. <i>Energy and Buildings</i> , 2018 , 158, 656-667	7	9
203	Prediction of sound transmission in long spaces using ray tracing and experimental Statistical Energy Analysis. <i>Applied Acoustics</i> , 2018 , 130, 15-33	3.1	11
202	Influence of Music on the Behaviors of Crowd in Urban Open Public Spaces. <i>Frontiers in Psychology</i> , 2018 , 9, 596	3.4	12
201	A Review of Green Building Development in China from the Perspective of Energy Saving. <i>Energies</i> , 2018 , 11, 334	3.1	38
200	The Impact and Outreach of Soundscape Research. <i>Environments - MDPI</i> , 2018 , 5, 58	3.2	12
199	Validity of VR Technology on the Smartphone for the Study of Wind Park Soundscapes. <i>ISPRS International Journal of Geo-Information</i> , 2018 , 7, 152	2.9	2
198	Non-Participant Observation Methods for Soundscape Design and Urban Planning. <i>Advances in Civil and Industrial Engineering Book Series</i> , 2018 , 73-99	0.5	5
197	Sounds and sound preferences in Han Buddhist temples. <i>Building and Environment</i> , 2018 , 142, 58-69	6.5	9
196	Relationship between street scale and subjective assessment of audio-visual environment comfort based on 3D virtual reality and dual-channel acoustic tests. <i>Building and Environment</i> , 2018 , 129, 35-45	6.5	38
195	Climate Adaptability Construction Technology of Historic Conservation Areas: The Case Study of the Chinese Baroque Historic Conservation Area in Harbin. <i>Sustainability</i> , 2018 , 10, 3374	3.6	3
194	Influence of Contextual Factors on Soundscape in Urban Open Spaces. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2524	2.6	7
193	Plant Species Selection Based on Leaf Vibration Experiments. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 371, 012038	0.4	1
192	Acoustic environment research of railway station in China. <i>Energy Procedia</i> , 2018 , 153, 353-358	2.3	6
191	Positive health-related effects of perceiving urban soundscapes: a systematic review. <i>Lancet, The</i> , 2018 , 392, S3	4.0	5
190	A model for implementing soundscape maps in smart cities. <i>Noise Mapping</i> , 2018 , 5, 46-59	4.8	25
189	Associations between Positive Health-Related Effects and Soundscapes Perceptual Constructs: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	71
188	Improving the soundscape quality of urban areas exposed to aircraft noise by adding moving water and vegetation. <i>Journal of the Acoustical Society of America</i> , 2018 , 144, 2906	2.2	15

187	Effect of the distribution density of biomass combined heat and power plant networks on total energy utilization efficiency. <i>Journal of Renewable and Sustainable Energy</i> , 2018 , 10, 065902	2.5	1
186	Symmetry, Maximally Localized Wannier States, and a Low-Energy Model for Twisted Bilayer Graphene Narrow Bands. <i>Physical Review X</i> , 2018 , 8,	9.1	176
185	Towards an Urban Vibrancy Model: A Soundscape Approach. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	40
184	Isothermal crystallization kinetics and subsequent melting behavior of β -nucleated isotactic polypropylene/graphene oxide composites with different ordered structure. <i>Polymer International</i> , 2018 , 67, 1212-1220	3.3	21
183	Analysis of traffic noise distribution and influence factors in Chinese urban residential blocks. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2017 , 44, 570-587	2	5
182	Investigation on the Tensile Behavior and Morphology Evolution of Isotactic Polypropylene Films Polymerized with Different Ziegler-Natta Catalysts. <i>Advances in Polymer Technology</i> , 2017 , 36, 44-57	1.9	4
181	An evaluation of the lighting environment in the public space of shopping centres. <i>Building and Environment</i> , 2017 , 115, 228-235	6.5	16
180	The indoor volatile organic compound (VOC) characteristics and source identification in a new university campus in Tianjin, China. <i>Journal of the Air and Waste Management Association</i> , 2017 , 67, 725-737	7.4	10
179	Effects of built environment morphology on wind turbine noise exposure at building façades. <i>Renewable Energy</i> , 2017 , 107, 629-638	8.1	9
178	Audio-visual perception of new wind parks. <i>Landscape and Urban Planning</i> , 2017 , 165, 1-10	7.7	30
177	Effects of typical dining styles on conversation behaviours and acoustic perception in restaurants in China. <i>Building and Environment</i> , 2017 , 121, 148-157	6.5	24
176	An experimental study on the acoustic characteristics of outdoor spaces surrounded by multi-residential buildings. <i>Applied Acoustics</i> , 2017 , 127, 147-159	3.1	5
175	Effects of geometry on the sound field in atria. <i>Building Simulation</i> , 2017 , 10, 25-39	3.9	6
174	Relationship between traffic noise resistance and village form in China. <i>Landscape and Urban Planning</i> , 2017 , 163, 44-55	7.7	12
173	Perceived integrated impact of visual intrusion and noise of motorways: Influential factors and impact indicators. <i>Transportation Research, Part D: Transport and Environment</i> , 2017 , 57, 217-223	6.4	9
172	Effect of temporary open-air markets on the sound environment and acoustic perception based on the crowd density characteristics. <i>Science of the Total Environment</i> , 2017 , 601-602, 1488-1495	10.2	22
171	Effects of the distribution density of a biomass combined heat and power plant network on heat utilisation efficiency in village-town systems. <i>Journal of Environmental Management</i> , 2017 , 202, 21-28	7.9	4
170	Development and testing of Indoor Soundscape Questionnaire for evaluating contextual experience in public spaces. <i>Building Acoustics</i> , 2017 , 24, 307-324	1	22

169	Finite difference time domain modelling of a point-excited elastic plate radiating into an acoustic cavity. <i>Journal of the Acoustical Society of America</i> , 2017 , 142, 2996	2.2	
168	Crystallization behavior, tensile behavior and hydrophilicity of poly(vinylidene fluoride)/polyethylene glycol blends. <i>Polymer Science - Series A</i> , 2017 , 59, 685-694	1.2	
167	Comparison of high-intensity sound and mechanical vibration for cleaning porous titanium cylinders fabricated using selective laser melting. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017 , 105, 117-123	3.5	5
166	Comparison of Ecological Risk among Different Urban Patterns Based on System Dynamics Modeling of Urban Development. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2017 , 143, 04016034	2.2	14
165	Relationship between green space-related morphology and noise pollution. <i>Ecological Indicators</i> , 2017 , 72, 921-933	5.8	60
164	Acoustic comfort in large dining spaces. <i>Applied Acoustics</i> , 2017 , 115, 166-172	3.1	21
163	The Thermal Comfort of Urban Pedestrian Street in the Severe Cold Area of Northeast China. <i>Energy Procedia</i> , 2017 , 134, 741-748	2.3	9
162	Analysis of Thermal Environment of Open Community Streets in Winter in Northern China. <i>Energy Procedia</i> , 2017 , 134, 423-431	2.3	6
161	Soundscape mapping in environmental noise management and urban planning: case studies in two UK cities. <i>Noise Mapping</i> , 2017 , 4, 87-103	4.8	13
160	Dimensions Underlying the Perceived Similarity of Acoustic Environments. <i>Frontiers in Psychology</i> , 2017 , 8, 1162	3.4	8
159	The Effects of Residential Area Building Layout on Outdoor Wind Environment at the Pedestrian Level in Severe Cold Regions of China. <i>Sustainability</i> , 2017 , 9, 2310	3.6	23
158	From dBA to soundscape indices: Managing our sound environment. <i>Frontiers of Engineering Management</i> , 2017 , 4, 184	2.7	29
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